COMPUTATIONAL RESEARCH SCIENTIST

SASRI
SOUTH AFRICAN SUGARCANE RESEARCH INSTITUTE

Scientific curiosity, innovative thinking and excellent programming ability are needed to succeed as our Computational Research Scientist
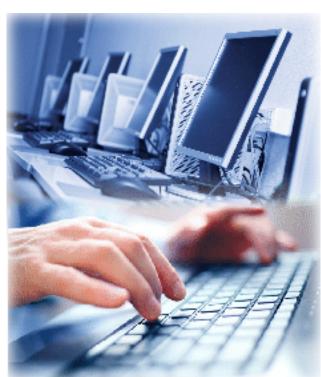
The world-renowned SA Sugarcane Research Institute is looking for a junior scientist to join leading sugarcane scientists in using computational technologies to develop innovative tools for sustainable sugarcane production. If you have a passion for applying mathematical and computational skills in biophysical sciences, this job is for you.

The successful candidate will develop and apply customised software and databases for research and management of sugarcane production, and will interact with scientists, extension specialists and sugarcane farmers and millers to address important issues in the industry. Tasks will include translating scientific concepts into computer code/algorithms, integrating these with resource databases, and packaging outcomes that bring value to the industry.

Submit an application if you have:

- An Honours degree with Maths, Computer Science, Physics, Crop Science, Climatology or Atmospheric Science;
- Strong, cutting-edge computer programming and data processing skills (Computer Science as an undergraduate major subject is preferred);
- Strong analytical and problem-solving skills;
- A broad interest in scientific issues;
- Accuracy and attention to detail;
- Good verbal and written communication skills.

Postgraduate students are welcome to apply and opportunities for postgraduate studies are available.

To apply, please apply on-line via the job portal on the SASA website: http://www.sasa.org.za/careers/Vacancies.

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